Index of Claims



Application/Control No.

10/533,102

Examiner Lenard A. Footland Applicant(s)/Patent under Reexamination

AUBELE, EDWIN

3682

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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| ÷ | Restricted                     |

| N | Non-Elected  |
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| 1 | Interference |

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| Cla   | Claim Date |                 |              |         | ]         | Cla             | im            | Date    |         |       |          | : *<br>::::::::::::::::::::::::::::::::::: | Cla              | aim            | Date   |               |   |                                       |       |            |          |         |          |              |          |          |   |          |
|---|------------|-----------------|--------------|---------|-----------|-----------------|---------------|---------|---------|-------|----------|--|------------------|----------------|--|---------------|---|---------------------------------------|-------|------------|----------|---------|----------|--------------|----------|----------|---|----------|
|   | <u>m</u>   | 6               |              |         |           |                 |               |         | ] -     |       | al       |  |                  |                |  |               |   |                                       |       | al         |          |         |          |              |          | -        |   |          |
| Final   | Original   | 12/3/06         |              |         |           |                 |               |         | -       | Final | Original |  |                  |                |  | 1 1           |   |                                       | Final | Original   |          |         | ł        |              | - [      |          |   |          |
| ፲፫  | 9.         | 2               |              |         |           |                 | İ             |         | 15      | ĬĪ.   | Ö        | 1  |                  | 1              |  | 1             |   |                                       | ш.    | ő          |          |         |          |              |          |          |   |          |
| <u> </u>  | 1          | =               |              | +       | ╁         |                 |               | +-      |         |       | 51       |  | ┝                |                | $\vdash$   | +             | _ |                                       |       | 101        | +        | +-      | +        | $\vdash$     | $\dashv$ |          | +   | $\dashv$ |
| $\vdash$  | 2          | 7               |              | +       | +         | $\vdash$        |               | +       | "       |       | 52       |  | $\vdash$         | +              | $\vdash$   | +             | _ |                                       |       | 102        | +        | +       | ╁╌       | +            | $\dashv$ | $\dashv$ | +   | $\dashv$ |
| <del>,                                     </del> | 3          | Н               |              | +       | T         | $\vdash$        |               | +       | 1       |       | 53       | +-   |                  | +              |  | + +           | _ | í                                     |       | 103        | $\dashv$ | +       | +        | Ħ            | -        | _        | 十   | ヿ        |
|   | 4          |                 | $\dashv$     | +       | T         | $\Box$          | $\dashv$      | $\top$  | 1 :     |       | 54       |  |                  | $\top$         |  | 11            |   | i., I                                 |       | 104        | T        | $\top$  | 1        |              | $\dashv$ | ┪        | $\top$  | ヿ        |
|   | 5          | T               |              | T       |           | $\Box$          |               | 1       | 1       | -     | 55       |  | $\sqcap$         | $\top$         |  | $\Box$        |   |                                       |       | 105        |          |         | Ī        | Ħ            |          |          | I   |          |
|   | 6          | П               |              |         |           |                 |               |         |         |       | 56       |  |                  |                |  |               |   |                                       |       | 106        |          |         |          |              |          | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |
|   | 7          |                 |              |         |           |                 |               |         | ]       |       | 57       |  |                  |                |  |               |   |                                       |       | 107        |          |         | <u> </u> | Ш            | _        | $\perp$  | $\bot$  | _        |
|   | 8          | Ш               |              |         | ╙         |                 |               |         |         |       | 58       |  | $\sqcup \bot$    | $\perp$        |  | $\perp \perp$ |   | Z                                     |       | 108        |          |         | ↓_       | Ш            | _        | _        | 4   | _        |
|   | 9          | Ш               |              | 4       | ļ.,       | $\sqcup$        |               |         |         |       | 59       |  | $\sqcup \bot$    | <u> </u>       |  | -             |   | 24.3                                  |       | 109        |          | _       | ╀        | $\sqcup$     |          | -        | 4   | 4        |
| ļ   | 10         | V               | _            | ┷       | ļ         | $\vdash$        | _             | +-      |         |       | 60       |  | -                | +              | $\vdash$   | +             |   | 2 Å                                   |       | 110        | -        | +       | +        | $\sqcup$     | $\dashv$ | $\dashv$ | +   | $\dashv$ |
|   | 11         | ┰               |              | _       | $\vdash$  | $\vdash \vdash$ |               | +-      |         |       | 61       | -  | -                | <del>  ·</del> | -  | +             |   | 1944                                  |       | 111        | _        | +       | ╄        | $\vdash$     | $\dashv$ | $\dashv$ | +   | $\dashv$ |
| <u> </u>  | 12         | 뒤               | +            | +       | $\vdash$  | $\vdash \vdash$ | -             | +       |         |       | 62<br>63 |  | <del>    -</del> | +              | $\vdash$   | +             | _ |                                       |       | 112<br>113 | +        | +       | +        | +            | $\dashv$ | +        | +   | $\dashv$ |
| $\vdash$  | 14         |                 | +            | ┿       | $\vdash$  |                 | +             | +       |         |       | 64       |  | $\vdash$         | +              | $\vdash\vdash$                                   | ++            | _ | 1 1 1                                 |       | 114        | +        | +       | ╁        | ╁┼           | $\dashv$ |          | +   | $\dashv$ |
| <b>—</b>  | 15         | ╫┤              | +            | +       | +         | $\vdash$        | +             | +       |         | -     | 65       |  | $\vdash$         | +              | $\vdash \vdash$                                  | +             |   | -1                                    |       | 115        | +        | +       | +        | ┥            | $\dashv$ | $\dashv$ | +   | $\dashv$ |
|   | 16         | ╫               | $\dashv$     | +       | +-        | $\vdash$        | +             | +       |         |       | 66       |  | $\vdash$         | $\vdash$       | <del>   </del>                                   | +             |   | : : : : : : : : : : : : : : : : : : : |       | 116        | +        | +       | +-       | $\vdash$     | $\dashv$ | _        | 十   | $\dashv$ |
| $\vdash$  | 17         |                 | +            | +-      | T         | $\vdash$        | $\dashv$      | 十       |         |       | 67       | $\neg$                                     | -                |                | $\vdash$   | 11            |   |                                       |       | 117        | $\dashv$ | +-      | †        | $\sqcap$     | $\dashv$ | $\dashv$ | 十   | ヿ        |
|   | 18         | V               |              |         | 1         | $\Box$          | $\neg$        | 1       | 1       |       | 68       | $\neg$                                     |                  | $\top$         |  | $\Box$        |   |                                       |       | 118        |          |         | †        |              | $\neg$   | $\neg$   | 十   | 7        |
|   | 19         |                 |              |         |           |                 |               | 1       | 1       |       | 69       |  | П                | $\top$         | $\Box$   |               |   |                                       |       | 119        |          |         |          |              |          |          |   | $\Box$   |
|   | 20         |                 |              |         |           |                 |               |         | ] .     |       | 70       |  |                  |                |  |               |   |                                       |       | 120        |          |         |          |              |          |          |   | ┚        |
|   | 21         |                 |              |         | l         |                 |               |         |         |       | 71       |  |                  |                |  |               |   |                                       |       | 121        |          |         |          |              |          |          |   |          |
|   | 22         |                 |              |         |           |                 |               |         |         |       | 72       |  |                  |                | Ш  | $\perp$       |   |                                       |       | 122        |          |         | ↓_       | Ш            | _        | $\perp$  | $\bot$  | ┙        |
| L   | 23         |                 |              |         | ┖         | Ш               |               |         |         |       | 73       |  |                  |                | $\sqcup \!\!\! \perp$                            | +             |   |                                       |       | 123        | _        |         | ↓_       | Ш            |          | _        | _   | 4        |
| <u> </u>  | 24         | Ш               |              |         | <u> </u>  |                 |               | _       |         |       | 74       |  | <u> </u>         |                | $\vdash \vdash$                                  | 4-1           |   |                                       |       | 124        | _        | $\perp$ | $\perp$  | $\vdash$     | $\dashv$ | 4        | -   | 4        |
| <u> </u>  | 25         | Щ               | _            | +-      | ┼         | $\vdash$        | $\dashv$      | $\perp$ | į.      |       | 75       | _  | -                |                |  | +             |   | -                                     |       | 125        | -        | +       | +        | <del> </del> | $\dashv$ | +        |   | $\dashv$ |
| ⊢—  | 26         | $\vdash$        | -            |         | ╄         |                 |               | +-      |         |       | 76<br>77 |  | <del>     </del> | +-             |  | +             |   |                                       |       | 126<br>127 |          | +       | ╁        | $\vdash$     | -+       | +        | +   | $\dashv$ |
|   | 27<br>28   | -               | -            | +-      | ╆         |                 |               | +-      |         |       | 78       |  | $\vdash$         | -              | $\vdash$   | +-+           | _ | $\ \cdot\ $                           |       | 128        | $\dashv$ | +-      | +-       | $\vdash$     | -+       | $\dashv$ | +   | $\dashv$ |
|   | 29         | H               | -            | +       | +         |                 | +             | +-      | 1       |       | 79       |  | $\vdash$         | +              | <del>                                     </del> | +             | _ |                                       |       | 129        | +        |         | ╁╾       | +            | $\dashv$ | +        | +   | $\dashv$ |
| <u> </u>  | 30         | Н               | _            | +       | $\vdash$  |                 | +             | +-      | 1       |       | 80       |  |                  | +              |  | +-            |   | i ii.                                 |       | 130        | $\dashv$ | ╁       | +        | +            | -        | $\pm$    | +   | $\dashv$ |
|   | 31         | Н               | _            | +       | +         |                 | $\dashv$      | +-      | 1       |       | 81       | _  |                  | +              |  | +-            | _ |                                       |       | 131        | $\pm$    | ╅       | +        | $\vdash$     | $\dashv$ | $\top$   | 十   | ᅱ        |
| -   | 32         | П               |              | $\top$  | T         | $\Box$          | $\dashv$      | 1       |         |       | 82       | $\top$                                     |                  | 一              |  | 1-1           | - |                                       |       | 132        | $\dashv$ | $\top$  | 1        | $\Box$       |          |          | $\top$  | ヿ        |
|   | 33         | П               | 十            | $\top$  | T         | $\sqcap$        | _             | $\top$  | 1       |       | 83       | 1  | $\sqcap$         | $\top$         |  | $\top$        |   |                                       |       | 133        | 1        | 1       | 1        | $\Box$       |          | T        | 丁   |          |
|   | 34         |                 |              |         |           |                 |               |         | ]       |       | 84       |  |                  |                |  |               |   | ]                                     |       | 134        |          | l       |          |              |          |          | $\Box$  |          |
|   | 35         |                 |              |         |           |                 |               |         |         |       | 85       |  |                  |                |  | $oxed{\Box}$  |   |                                       |       | 135        |          |         |          | П            |          |          | $\perp$   |          |
|   | 36         | Ц               |              | $\perp$ |           | П               | $\bot \Gamma$ | L       |         |       | 86       |  | Ш.               |                |  | $\perp \perp$ |   |                                       |       | 136        |          | 1       |          | Ш            |          | $\perp$  | _   | $\dashv$ |
| <u></u>   | 37         | Ш               |              | _       | 1         | $\sqcup$        |               | 4       |         |       | 87       | _  | $\sqcup \bot$    | $\perp$        | $\sqcup \!\!\!\! \perp$                          | $\bot$        |   |                                       |       | 137        | _        | _       | _        | Ш            | ļ        | $\perp$  | $\bot$  | 4        |
| <u> </u>  | 38         | Ц               | _            | 4       | ╀         | $\sqcup$        | $\bot$        | +       | tiger.  |       | 88       |  | <b>├</b>         | +              | ₩-   | +             |   |                                       |       | 138        | $\perp$  | 4       | _        | $\vdash$     |          | _        | +   | $\dashv$ |
| <u> </u>  | 39         | $\sqcup$        |              | +       | ـ         |                 | _             | +-      | 4       |       | 89       |  | -                | +              | ⊢-   | +             | _ | n #7<br>10                            |       | 139        | +        |         | +        | $\vdash$     | _        | $\dashv$ | +   | $\dashv$ |
| <u> </u>  | 40         | $\vdash \vdash$ | +            | +       | +-        |                 | +             | +-      | -       |       | 90       |  | $\vdash$         | +              | -  | +             | _ |                                       |       | 140        | +        | +-      | +-       | $\vdash$     | +        | +        | +   | $\dashv$ |
|   | 41         | $\vdash$        | +            | +       | ╁         | $\vdash \vdash$ | -+-           | +       | 1       | ļ     | 91       | +  |                  | +-             | $\vdash \vdash$                                  | +             | _ |                                       |       | 141<br>142 | +        | +       | +        | $\vdash$     |          | +        | +   | $\dashv$ |
| $\vdash$  | 43         | $\vdash$        | -            | +       | +         | $\vdash \vdash$ | +             | +       |         | _     | 93       |  | $\vdash$         | +              | $\vdash\vdash$                                   | ╌┤            | _ | 1.5                                   |       | 143        | +        | +       | ╁╌       | +            | +        | +        | +   | $\dashv$ |
| <del> </del>                                      | 44         | $\vdash \vdash$ | +            | +       | $\vdash$  | $\vdash$        | +             | +       | 1       |       | 94       | -  | <del>   </del>   | +-             | $\vdash \vdash$                                  | +             | _ |                                       |       | 144        | +        | +       | +        | ╁┤           | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
| <u> </u>  | 45         | $\vdash$        | +            | +       | $\dagger$ | $\vdash$        | +-            | +       | 4       |       | 95       | -  |                  | +-             | f-f  | +             | _ |                                       |       | 145        | +        | +       | +        | +            | $\dashv$ | $\dashv$ | +   | $\dashv$ |
| <b>—</b>  | 46         | $\vdash \vdash$ | _            | $\top$  |           | H               | $\neg$        | $\top$  | 1 -     |       | 96       | $\neg$ t $\neg$                            | $\Box$           | $\top$         | $\vdash$   | +             |   | 1.4                                   |       | 146        | $\top$   | $\top$  | T        | $\vdash$     |          | +        | 十   | $\dashv$ |
|   | 47         | $\vdash$        | $\dashv$     | $\top$  | T         | П               |               | 1       | A7      |       | 97       |  |                  | $\top$         | $\sqcap$   | 11            |   | ]                                     |       | 147        | $\dashv$ | ╅       | †        | H            |          | 7        | $\top$  | ٦        |
|   | 48         |                 |              | T       | I         |                 |               | T       | ]       |       | 98       |  |                  | $\perp$        |  | 丁一            |   |                                       |       | 148        |          | I       |          |              |          |          | 丁   |          |
|   | 49         |                 |              |         |           |                 |               | I       | ]       |       | 99       |  |                  |                |  |               |   |                                       |       | 149        | Ι        |         |          |              |          | $\Box$   | $\perp$   |          |
|   | 50         | $\coprod$       | $\mathbb{I}$ |         | $L^{-}$   | $\Box$          |               |         | J.: · · |       | 100      |  | Ш                |                | ــالــا  | $\square$     |   |                                       |       | 150        |          |         |          | Ц            | [        |          |   |          |